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PATENT ABSTRACTS OF JAPAN

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(30) Priority:	(71) Applicant: NEC CORP
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(84) Designated contracting states:	(74) Representative:

(54) REMOTE DATA BASE ACCESS DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To transfer data in large size through one time of operation by reading data out of a shared DASD(direct access storing device) with a client computer when possessed data corresponding to an access request are not returned through a network.

SOLUTION: When the access request is outputted from an access request executing part 13 of a client computer 10, a communication control part 12 transmits that request through a WAN(wide area network) 30 to a server computer 20. At the server computer 20, a remote data base access control part 21 possesses data from a data base 23 through a DBMS(database management system) 24. Next, the access control part 21 compares the size of possessed data with a threshold value and when that size is larger than the threshold value, the possessed data

are written in a shared DASD 50. Then, its storage address is transmitted through the WAN 30 to the computer 10. Next, the computer 10 reads out the stored data by performing access from the remote data base access control part 11 through a shared DASD control part 40 to the shared DASD 50.

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